

vWF Protease 247CIP.ST25.txt
SEQUENCE LISTING

<110> Laemmle, Bernhard
Schwarz, Hans-Peter
Scheifflinger, Friedrich
Antoine, Gerhard
Kerschbaumer, Randolph
Tagliavacca, Luigina
Zimmermann, Klaus
Furlan, Miha
Turecek, Peter
Gerritsen, Helena E.

<120> Composition Exhibiting a von Willebrand Factor (vWF) Protease Activity Comprising a Polypeptide Chain with the Amino Acid Sequence AA GGILHLELLV

<130> 247.00CIP

<140> 09/833,328

<141> 2001-04-12

<150> 09/721,254

<151> 2000-11-22

<160> 15

<170> PatentIn version 3.1

<210> 1

<211> 12

<212> PRT

<213> human

<400> 1

Ala Ala Gly Gly Ile Leu His Leu Glu Leu Leu Val
1 5 10

<210> 2

<211> 133

<212> PRT

<213> human

<400> 2

Pro Asp Val Phe Gln Ala His Gln Glu Asp Thr Glu Arg Tyr Val Leu

vWF Protease 247CIP.ST25.txt

1 5 10 15

Thr Asn Leu Asn Ile Gly Ala Glu Leu Leu Arg Asp Pro Ser Leu Gly
20 25 30

Ala Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu Thr Glu Pro
35 40 45

Glu Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser Leu Leu Ser
50 55 60

Val Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp Thr Asp Pro
65 70 75 80

Gly His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp Leu Glu Leu
85 90 95

Pro Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu Gly Gly Ala
100 105 110

Cys Ser Pro Thr Trp Ser Cys Leu Ile Thr Glu Asp Thr Gly Phe Asp
115 120 125

Leu Gly Val Thr Ile
130

<210> 3
<211> 444
<212> DNA
<213> human

<400> 3
gctgcaggcg gcatacctaca cctggagctg ctggtggccg tgggccccga tgtcttccag
60

gctcaccagg aggacacaga gcgctatgtg ctcaccaacc tcaacatcgg ggcagaactg 1
20

cttcgggacc cgtccctggg ggctcagttt cgggtgcacc tggatgaagat ggtcattctg 1

vWF Protease 247CIP.ST25.txt

80

acagagcctg aggggtgcccc aaatatcaca gccaacctca cctcgtcctt gctgagcgtc 2
40

tgtgggtgga gccagaccat caaccctgag gacgacacgg atcctggcca tgctgacctg 3
00

gtcctctata tcactagggtt tgacctggag ttgcctgatg gtaaccggca ggtgcggggc 3
60

gtcaccacgc tgggcgggtgc ctgctcccca acctggagct gcctcattac cgaggacact 4
20

ggcttcgacc tgggagtcac catt 4
44

<210> 4
<211> 148
<212> PRT
<213> human

<400> 4

Ala Ala Gly Gly Ile Leu His Leu Glu Leu Leu Val Ala Val Gly Pro
1 5 10 15

Asp Val Phe Gln Ala His Gln Glu Asp Thr Glu Arg Tyr Val Leu Thr
20 25 30

Asn Leu Asn Ile Gly Ala Glu Leu Leu Arg Asp Pro Ser Leu Gly Ala
35 40 45

Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu Thr Glu Pro Glu
50 55 60

Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser Leu Leu Ser Val
65 70 75 80

Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp Thr Asp Pro Gly
85 90 95

vWF Protease 247CIP.ST25.txt

His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp Leu Glu Leu Pro
 100 105 110

Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu Gly Gly Ala Cys
 115 120 125

Ser Pro Thr Trp Ser Cys Leu Ile Thr Glu Asp Thr Gly Phe Asp Leu
 130 135 140

Gly Val Thr Ile
 145

<210> 5
 <211> 15
 <212> PRT
 <213> human

<400> 5

Ala Ala Gly Gly Ile Leu His Leu Glu Leu Leu Val Ala Val Gly
 1 5 10 15

<210> 6
 <211> 150
 <212> PRT
 <213> human

<400> 6

Arg Arg Ala Ala Gly Gly Ile Leu His Leu Glu Leu Leu Val Ala Val
 1 5 10 15

Gly Pro Asp Val Phe Gln Ala His Gln Glu Asp Thr Glu Arg Tyr Val
 20 25 30

Leu Thr Asn Leu Asn Ile Gly Ala Glu Leu Leu Arg Asp Pro Ser Leu
 35 40 45

Gly Ala Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu Thr Glu

vWF Protease 247CIP.ST25.txt

50

55

60

Pro Glu Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser Leu Leu
65 70 75 80

Ser Val Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp Thr Asp
85 90 95

Pro Gly His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp Leu Glu
100 105 110

Leu Pro Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu Gly Gly
115 120 125

Ala Cys Ser Pro Thr Trp Ser Cys Leu Ile Thr Glu Asp Thr Gly Phe
130 135 140

Asp Leu Gly Val Thr Ile
145 150

<210> 7
<211> 10
<212> PRT
<213> human

<400> 7

Ser Val Ser Gly Lys Pro Gln Tyr Met Val
1 5 10

<210> 8
<211> 5
<212> PRT
<213> human

<400> 8

Ala Ala Gly Gly Ile
1 5

vWF Protease 247CIP.ST25.txt

<210> 9
 <211> 9
 <212> PRT
 <213> human

<400> 9

Ala Ala Gly Gly Ile Leu His Leu Glu
 1 5

<210> 10
 <211> 10
 <212> PRT
 <213> human

<400> 10

Asp Ser Gln Leu Thr Met Val Pro Ser Phe
 1 5 10

<210> 11
 <211> 15
 <212> PRT
 <213> human

<400> 11

Ala Ala Gly Gly Ile Leu His Leu Glu Leu Leu Val Ala Val Gly
 1 5 10 15

<210> 12
 <211> 5
 <212> PRT
 <213> human

<400> 12

Asn Gln Thr Val Ser
 1 5

<210> 13
 <211> 20
 <212> DNA

vWF Protease 247CIP.ST25.txt

<213> oligo primer

<400> 13
cggcgggatc ctacacctgg
20

<210> 14
<211> 20
<212> DNA
<213> oligo primer

<400> 14
aatggtgact cccaggtcga
20

<210> 15
<211> 136
<212> PRT
<213> human

<400> 15

Ala Val Gly Pro Asp Val Phe Gln Ala His Gln Glu Asp Thr Glu Arg
1 5 10 15

Tyr Val Leu Thr Asn Leu Asn Ile Gly Ala Glu Leu Leu Arg Asp Pro
20 25 30

Ser Leu Gly Ala Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu
35 40 45

Thr Glu Pro Glu Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser
50 55 60

Leu Leu Ser Val Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp
65 70 75 80

Thr Asp Pro Gly His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp
85 90 95

vWF Protease 247CIP.ST25.txt

Leu Glu Leu Pro Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu
100 105 110

Gly Gly Ala Cys Ser Pro Thr Trp Ser Cys Leu Ile Thr Glu Asp Thr
115 120 125

Gly Phe Asp Leu Gly Val Thr Ile
130 135